



AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

CP-2021-11-20-42
Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
EE(Project)/Ynk Zone/WO/163/2020-21
09-08-21
Lintel Beam Concrete - (Saptagiri Layout Kattigenhalli)
150X150X150 mm
M20 / 7 Days Compressive Strength
IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
14/08/2021

Date: 14/08/2021

Serial No. of test	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Lintel Beam Concrete	M20	07/08/2021	14/08/2021	151.15 X	22533	8.008	406.3	18.0	18.2
					149.08 X					
					149.91					
2	Lintel Beam Concrete	M20	07/08/2021	14/08/2021	149.48 X	22494	8.687	413.1	18.4	
					150.48 X					
					149.40					
3	Lintel Beam Concrete	M20	07/08/2021	14/08/2021	150.67 X	22772	8.572	416.0	18.3	
					151.14 X					
					150.70					

The results obtained are satisfactory as per standard requirements.

Asst. Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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****End of Report****



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Quality Manager

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HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-0548

Format No: CP/TS/00

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42 Date: 04/09/2021
Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
Agency : Sri.Santhosh Kumar K.R., #04, Samrudhi A V R Block, 1st A main, Virupakishapur, Bangalore-47
Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21
Date of Receipt : 09-08-21
Customer ID : Lintel Beam Concrete - (Saptagiri Layout Katfigerihalli)
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 28 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete CL5
Date of test : 04/09/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Lintel Beam Concrete	M20	07/08/2021	04/09/2021	150.29 X	22702	8.246	522.9	23.0	23.3
					151.05 X					
					149.87					
2	Lintel Beam Concrete	M20	07/08/2021	04/09/2021	149.58 X	22628	8.974	519.8	23.0	
					151.28 X					
					151.64					
3	Lintel Beam Concrete	M20	07/08/2021	04/09/2021	150.68 X	22843	8.116	547.4	24.0	
					151.60 X					
					150.74					

* The results obtained are satisfactory as per standard requirements.

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****End of Report****



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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID

Project Name

Agency

Customer's Reference

Date of Receipt

Customer ID

Sample Type /Size

Sample grade/Age

Reference to BIS codes

: CP-2021-11-20-42

Date: 19/08/2021

: Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

: Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

: EE(Project)/Ynk Zone/WO/163/2020-21

: 14-08-21

: Step Concrete - (Saptagiri Layout Kattigenhalli)

: 150X150X150 mm

: M20 / 7 Days Compressive Strength

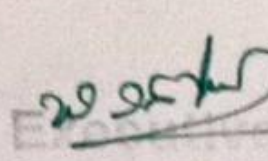
: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test

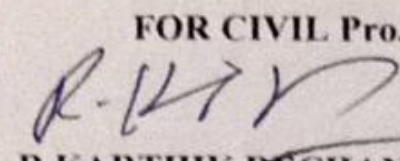
: 19/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Entrance step Concrete	M20	12/08/2021	19/08/2021	149.46 X	22445	8.008	420.8	18.7	18.5
					150.18 X					
					150.88					
2	Entrance step Concrete	M20	12/08/2021	19/08/2021	151.62 X	22802	8.687	414.4	18.2	
					150.39 X					
					150.25					
3	Entrance step Concrete	M20	12/08/2021	19/08/2021	149.69 X	22696	8.572	420.8	18.5	
					151.62 X					
					150.28					

* The results obtained are satisfactory as per standard requirements.

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Page 1/b
****End of Report****



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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

Format No. CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID
Project Name
Agency
Customer's Reference
Date of Receipt
Customer ID
Sample Type /Size
Sample grade/Age
Reference to BIS codes

: CP-2021-11-20-42
: Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
: Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
: EE(Project)/Ynk Zone/WO/163/2020-21
: 14-08-21
: Step Concrete - (Saptagiri Layout Kattigenhalli)
: 150X150X150 mm
: M20 / 28 Days Compressive Strength
: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date: 09/09/2021

Date of test		:		09/09/2021						
Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Entrance step Concrete	M20	12/08/2021	09/09/2021	151.06 X	22665	8.246	534.7	23.6	23.1
					150.04 X					
					150.77					
2	Entrance step Concrete	M20	12/08/2021	09/09/2021	150.45 X	22598	8.974	508.6	22.5	
					150.20 X					
					152.00					
3	Entrance step Concrete	M20	12/08/2021	09/09/2021	150.39 X	22779	8.116	526.1	23.1	
					151.46 X					
					149.87					

* The results obtained are satisfactory as per standard requirements.

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Asst. Executive Engineer
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Page 1/1

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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42 Date: 23/08/2021
Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21
Date of Receipt : 18-08-21
Customer ID : Coping Concrete for SSM - (Muneshwara Layout Kattigenhalli)
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 7 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 23/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Coping Concrete for SSM	M20	16/08/2021	23/08/2021	150.33 X	22648	8.008	424.6	18.7	18.5
					150.65 X					
					150.50					
2	Coping Concrete for SSM	M20	16/08/2021	23/08/2021	149.05 X	22364	8.687	412.6	18.5	
					150.04 X					
					149.71					
3	Coping Concrete for SSM	M20	16/08/2021	23/08/2021	150.46 X	22717	8.572	417.1	18.4	
					150.98 X					
					150.90					

* The results obtained are satisfactory as per standard requirements

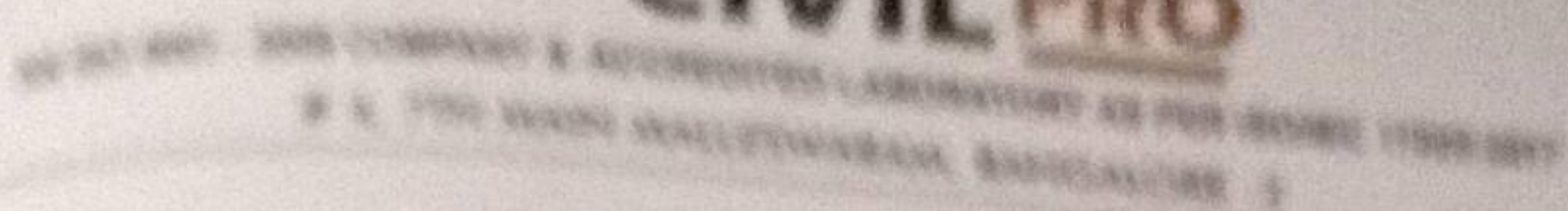
Asst. Executive Engineer
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Page 1 of 2
****End of Report****



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TEST REPORT OF CEMENT CONCRETE CUBES
20-2020-10-08-03

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1940-1941

DE 118-1208 Minimum of Two for Strength of Concrete C18

Identification Mark	Grade of concrete	Date of casting	Date of Testing	Identification of the Specimen (mm)	Test sectional area (sq. mm)	Weight of the sample (kg)	Failure Load (kN)	Compressive strength (N/mm ²)	Average Compressive strength (N/mm ²)
1000 / concrete for 2000	M20	26/08/2021	13/09/2021	100.11	N	22453	8.246	373.0	25.0
				100.27	N				
				100.36	N				
1000 / concrete for 2000	M20	26/08/2021	13/09/2021	100.10	N	22475	8.974	405.1	22.1
				100.61	N				
				100.31	N				
1000 / concrete for 2000	M20	26/08/2021	13/09/2021	101.80	N	22961	8.110	346.1	23.7
				101.18	N				
				100.41	N				

... ..



1934-1941: 1934

M. KARTHIK DECHAN
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Circle Manager



AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

Format No: CP/IT/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42 Date: 31/08/2021
Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
Customer's Reference : EL(Project)/Ynk Zone/WO/163/2020-21
Date of Receipt : 26-08-21
Customer ID : Plinth Beam Concrete - (Muneshwara Layout Kattigenhalli)
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 7 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 31/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Plinth Beam Concrete	M20	24/08/2021	31/08/2021	149.56 X	22296	8.008	408.5	18.3	18.4
					149.08 X					
					151.17					
2	Plinth Beam Concrete	M20	24/08/2021	31/08/2021	150.40 X	22495	8.687	416.4	18.5	
					149.57 X					
					149.27					
3	Plinth Beam Concrete	M20	24/08/2021	31/08/2021	149.92 X	22534	8.572	415.6	18.4	
					150.31 X					
					149.90					

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
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Yelahanka Zone
BBMP, Bangalore-92
Page 1/1
****End of Report****



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HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES



AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No. : TC-5546

Formal No. CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID

Project Name

Agency

Customer's Reference

Date of Receipt

Customer ID

Sample Type /Size

Sample grade/Age

Reference to BIS codes

Date of test

1 CP-2021-11-20-42

Date: 21/09/2021

1 Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

1 Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

1 EE(Project)/Ynk Zone/WO/163/2020-21

1 26-08-21

1 Plinth Beam Concrete - (Muneshwara Layout Kattigenhalli)

1 150X150X150 mm

1 M20 / 28 Days Compressive Strength

1 IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test		21/09/2021								
Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Plinth Beam Concrete	M20	24/08/2021	21/09/2021	149.18 X	22313	8.246	529.6	23.7	23.4
					149.57 X					
					150.93					
2	Plinth Beam Concrete	M20	24/08/2021	21/09/2021	150.86 X	22850	8.974	522.8	22.9	
					151.47 X					
					150.37					
3	Plinth Beam Concrete	M20	24/08/2021	21/09/2021	149.03 X	22474	8.116	530.1	23.6	
					150.80 X					
					151.35					

* The results obtained are satisfactory as per standard requirements.

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Asst. Executive Engineer

Project Division Page 1/1

Yelahanka Zone ****End of Report****

EMP, Bangalore - 97



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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

Format No: CP/TF/01

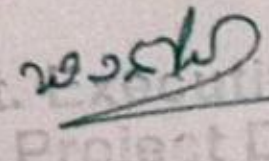
TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2021-11-20-42 Date: 07/09/2021
: Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
: Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
: EE(Project)/Ynk Zone/WO/163/2020-21
: 02-09-21
: Lintel Beam Concrete - (Muneshwara Layout Kattigenhalli)
: 150X150X150 mm
: M20 / 7 Days Compressive Strength
: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
: 07/09/2021

Date of test : 07/09/2021

S. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (kN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
1	Lintel Beam Concrete	M20	31/08/2021	07/09/2021	149.75 X	22385	8.008	409.6	18.3	18.4
					149.49 X					
					149.34					
2	Lintel Beam Concrete	M20	31/08/2021	07/09/2021	150.72 X	22532	8.687	414.6	18.4	
					149.49 X					
					150.42					
3	Lintel Beam Concrete	M20	31/08/2021	07/09/2021	149.83 X	22729	8.572	418.2	18.4	
					151.70 X					
					151.89					

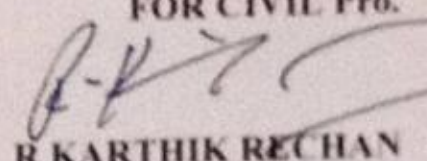
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Page 1/1

****End of Report****



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Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 28/09/2021

: CP-2021-11-20-42
: Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
: Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
: EE(Project)/Ynk Zone/WO/163/2020-21
: 02-09-21
: Lintel Beam Concrete - (Muneshwara Layout Kattigenhalli)
: 150X150X150 mm
: M20 / 28 Days Compressive Strength
: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
: 28/09/2021

Date of test					: 28/09/2021						
Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength	
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)	
1	Lintel Beam Concrete	M20	31/08/2021	28/09/2021	150.28 X	22705	8.246	529.5	23.3	22.9	
					151.09 X						
					150.32						
2	Lintel Beam Concrete	M20	31/08/2021	28/09/2021	150.52 X	22737	8.974	509.7	22.4		
					151.05 X						
					149.45						
3	Lintel Beam Concrete	M20	31/08/2021	28/09/2021	149.84 X	22651	8.116	521.8	23.0		
					151.17 X						
					151.38						

* The results obtained are satisfactory as per standard requirements.

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Page 02
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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 14/09/2021

CP-2021-11-20-42
Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
EE(Project)/Ynk Zone/WO/163/2020-21
09-09-21
Step Concrete - (Muneshwara Layout Kattigenhalli)
150X150X150 mm
M20 / 7 Days Compressive Strength
IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
14/09/2021

Date of test		: 14/09/2021								
Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Entrance step Concrete	M20	07/09/2021	14/09/2021	149.34 X	22354	8.008	421.5	18.9	18.6
					149.69 X					
					151.64					
2	Entrance step Concrete	M20	07/09/2021	14/09/2021	150.12 X	22708	8.687	426.7	18.8	
					151.26 X					
					151.97					
3	Entrance step Concrete	M20	07/09/2021	14/09/2021	150.87 X	22708	8.572	412.4	18.2	
					150.52 X					
					150.38					

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
Yelahanka
BBMP, Bangalore

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End of Report



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HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
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AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No. TC-5548

Format No. CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2021-11-20-42 Date: 05/10/2021
: Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
: Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
: EE(Project)/Ynk Zone/WO/163/2020-21
: 09-09-21
: Step Concrete - (Muneshwara Layout Kattigenhalli)
: 150X150X150 mm
: M20 / 28 Days Compressive Strength
: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 05/10/2021

Date of test : 05/10/2021										
Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(kN)	(N/mm ²)	(N/mm ²)
1	Entrance step Concrete	M20	07/09/2021	05/10/2021	150.22 X	22419	8.246	529.7	23.6	23.1
					149.24 X					
					149.79					
2	Entrance step Concrete	M20	07/09/2021	05/10/2021	150.53 X	22481	8.974	505.3	22.5	
					149.35 X					
					150.97					
3	Entrance step Concrete	M20	07/09/2021	05/10/2021	149.55 X	22544	8.116	523.8	23.2	
					150.74 X					
					150.88					

* The results obtained are satisfactory as per standard requirements.

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2025/10/05
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Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2021-11-20-42 Date: 18/09/2021
: Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
: Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
: EE(Project)/Ynk Zone/WO/163/2020-21
: 13-09-21
: Coping Concrete for SSM - (Defence Colony Vinayak Nagara)
: 150X150X150 mm
: M20 / 7 Days Compressive Strength
: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
: 18/09/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
1	Coping Concrete for SSM	M20	11/09/2021	18/09/2021	149.18 X 149.56 X 150.90	22312	8.008	410.1	18.4	18.2
2	Coping Concrete for SSM	M20	11/09/2021	18/09/2021	149.29 X 151.99 X 151.61	22691	8.687	409.6	18.1	
3	Coping Concrete for SSM	M20	11/09/2021	18/09/2021	149.88 X 150.23 X 149.69	22516	8.572	410.8	18.2	

* The results obtained are satisfactory as per standard requirements.

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2021-11-20-42 Date: 09/10/2021
: Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
: Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
: EE(Project)/Ynk Zone/WO/163/2020-21
: 13-09-21
: Coping Concrete for SSM - (Defence Colony Vinayak Nagara)
: 150X150X150 mm
: M20 / 28 Days Compressive Strength
: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
: 09/10/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Coping Concrete for SSM	M20	11/09/2021	09/10/2021	151.34 X 150.42 X 151.49	22765	8.246	533.2	23.4	22.9
2	Coping Concrete for SSM	M20	11/09/2021	09/10/2021	150.90 X 149.91 X 150.81	22621	8.974	500.4	22.1	
3	Coping Concrete for SSM	M20	11/09/2021	09/10/2021	150.58 X 150.67 X 149.02	22688	8.116	523.6	23.1	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

CP-2021-11-20-42
Date: 25/09/2021
Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
EE(Project)/Ynk Zone/VO/163/2020-21
20-09-21
Plinth Beam Concrete - (Defence Colony Vinayak Nagara)
150X150X150 mm
M20 / 7 Days Compressive Strength
IS: 516 - 1959 Methods of Tests for Strength of Concrete CL5
25/09/2021

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
				(mm)	(Sq.mm)	(kg)	(kN)	(N/mm ²)	(N/mm ²)
1	Plinth Beam Concrete	M20	18/09/2021	25/09/2021	22353	8.008	405.2	18.1	18.2
2	Plinth Beam Concrete	M20	18/09/2021	25/09/2021	22712	8.687	411.9	18.1	
3	Plinth Beam Concrete	M20	18/09/2021	25/09/2021	22866	8.572	421.7	18.4	

* The results obtained are satisfactory as per standard requirements.

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20.05.2021
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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

CP-2021-11-20-42 Date: 16/10/2021
Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
EE(Project)/Ynk Zone/WO/163/2020-21
20-09-21
Plinth Beam Concrete - (Defence Colony Vinayak Nagara)
150X150X150 mm
M20 / 28 Days Compressive Strength
IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
16/10/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Plinth Beam Concrete	M20	18/09/2021	16/10/2021	150.92 X 150.89 X 151.96	22772	8.246	527.1	23.1	23.3
2	Plinth Beam Concrete	M20	18/09/2021	16/10/2021	149.64 X 149.51 X 151.94	22371	8.974	513.1	22.9	
3	Plinth Beam Concrete	M20	18/09/2021	16/10/2021	149.65 X 151.20 X 149.94	22627	8.116	540.2	23.9	

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Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

ID : CP-2021-11-20-42
Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
Client : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21
Date of Receipt : 25-09-21
Customer ID : Lintel Beam Concrete - (Defence Colony Vinayak Nagara)
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 28 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 21/10/2021

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
				(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
Lintel Beam Concrete	M20	23/09/2021	21/10/2021	149.74 X	22650	8.246	528.9	23.4	22.9
				151.26 X					
				151.00					
Lintel Beam Concrete	M20	23/09/2021	21/10/2021	151.75 X	22739	8.974	501.4	22.1	
				149.84 X					
				151.47					
Lintel Beam Concrete	M20	23/09/2021	21/10/2021	150.62 X	22531	8.116	526.0	23.3	
				149.59 X					
				149.47					

The results obtained are satisfactory as per standard requirements.

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Certificate No.: TC-5548

Format No: CP/TE/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 06/10/2021

Project : CP-2021-11-20-42
Location : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
Client : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
Reference : EE(Project)/Ynk Zone/WO/163/2020-21
Receipt : 01-10-21
Description : Step Concrete - (Defence Colony Vinayak Nagara)
Specimen Size : 150X150X150 mm
Design / Age : M20 / 7 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Test Date : 06/10/2021

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
				(mm)					(Sq.mm)
Entrance step Concrete	M20	29/09/2021	06/10/2021	151.96 X	22983	8.008	416.3	18.1	18.4
				151.25 X					
				151.78					
Entrance step Concrete	M20	29/09/2021	06/10/2021	149.86 X	22753	8.687	424.4	18.7	
				151.83 X					
				151.82					
Entrance step Concrete	M20	29/09/2021	06/10/2021	150.36 X	22573	8.572	413.0	18.3	
				150.13 X					
				149.29					

Results obtained are satisfactory as per standard requirements.

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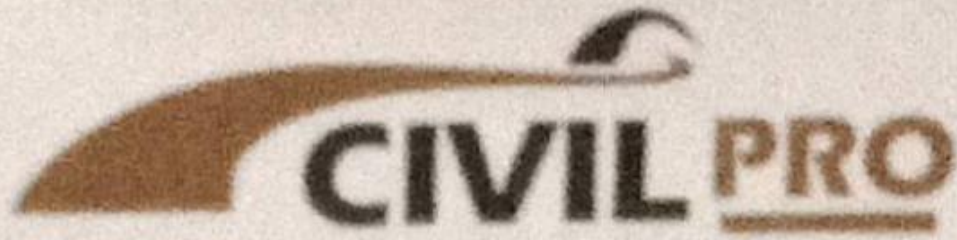
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Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

CP-2021-11-20-42 Date: 27/10/2021
Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
Sri. Sambash Kumar K.R., #04, Samrudhi A.V.R. Block, 1st A main, Virupakshapura, Bangalore-97
Reference: EEI(Projects)Ynk Zone/WO/163/2020-21
Date: 01-10-21
Type: Strip Concrete - (Defence Colony Vinayak Nagara)
Size: 150X150X150 mm
Age: M20 / 28 Days Compressive Strength
BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete CL5
Date: 27/10/2021

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
				(mm)	(Sq. mm)	(kg)	(kN)	(N/mm ²)	(N/mm ²)
reference strip Concrete	M20	29/09/2021	27/10/2021	149.82 X	22568	8.246	540.9	24.0	23.3
				150.63 X					
				151.62					
reference strip Concrete	M20	29/09/2021	27/10/2021	151.46 X	23020	8.974	516.1	22.4	
				151.98 X					
				149.32					
reference strip Concrete	M20	29/09/2021	27/10/2021	149.41 X	22415	8.116	529.1	23.6	
				150.02 X					
				149.83					

obtained are satisfactory as per standard requirements.

Asst. Engineer
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